




6AD6-G

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# ELECTRON-RAY TUBE

TWIN INDICATOR TYPE

Heater	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.15	amp.
Maximum Overall Length		2-7/8"
Maximum Seated Height		2-5/16"
Maximum Diameter		1-5/16"
Bulb		T-9
Base	Intermediate Shell Octal 7-Pin	
Pin 1 - No Connection		Pin 4 - Ray-Control Electrode, Unit #1
Pin 2 - Heater		Pin 5 - Target
Pin 3 - Ray-Control Electrode, Unit #2		Pin 7 - Heater
		Pin 8 - Cathode

Mounting Position BOTTOM VIEW (G-7AG) Any<sup>o</sup>

## INDICATOR SERVICE

Target Voltage		150 max.	volts
Typical Operation:			
Target Voltage	100	150	volts
Target Current <sup>†</sup>	1.5	3	ma.
Target Current <sup>**†</sup>	1.0	2	ma.
Target Current <sup>***†</sup>	0.8	1.2	ma.
Ray-Control Electrode Voltage <sup>*</sup>	45	75 approx.	volts
Ray-Control Electrode Voltage <sup>**</sup>	0	8 approx.	volts
Ray-Control Electrode Voltage <sup>***</sup>	-23	-50 approx.	volts

■ In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

\* For shadow angle of 0° produced by either ray-control electrode.

\*\* For shadow angle of 90° produced by either ray-control electrode.

\*\*\* For shadow angle of 135° produced by either ray-control electrode.

† Subject to wide variation.

◇ The plane of the ray-control electrodes passes through the line PP' on the socket connection diagram.

The circuit under Type 6AP6-G also applies to the 6AD6-G.

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RCA RADIOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

TENTATIVE DATA